

## ABSTRACT

A clock conversion apparatus includes a memory that can perform writing and reading independently from each other and a first counter circuit for controlling write addresses. The clock conversion apparatus also includes a delay adjustment circuit for adjusting a delay time of a reading start reference signal from a writing start reference signal and a second counter circuit for controlling read addresses from the reading start reference signal. Data corresponding to a horizontal sync period are written in the memory over plural times to reduce the capacity of the memory, and a writing start position and a reading start position are delay-adjusted.